Volume 34 Number 4
INDEX

CURATOR

Quarterly publication of the American Museum of Natural History

CURATOR

34/4 December 1991

SAMUEL M. TAYLOR, *Editor*
WILLIAM J. MOYNIHAN, *Advisory Editor*
STANLEY A. FREED, *Advisory Editor*
NANCY F. CRESHKOFF, *Assistant Editor*

L. THOMAS KELLY, *Publisher*
SCARLETT LOVELL, *Special Publications Manager*

EDITORIAL BOARD

MALCOLM ARTH, *Curator Emeritus*
Department of Education
American Museum of Natural History

VIVIAN ENDICOTT BARNETT, *Curator*
The Solomon R. Guggenheim Museum, New York

GEORGE BARROWCLOUGH, *Associate Curator*
Department of Ornithology
American Museum of Natural History

CAROLYN P. BLACKMON, *Chairman*
Department of Education
Field Museum of Natural History, Chicago

RIVA CASTLEMAN, *Director, Department of Prints and Illustrated Books and Deputy Director for Curatorial Affairs*
The Museum of Modern Art, New York

JOSEPH M. CHAMBERLAIN, *President Emeritus*
The Adler Planetarium, Chicago

PEGGY RUTH COLE, *Director of Program Planning and Development*
New York Hall of Science

WILLIAM G. CONWAY, *General Director*
The New York Zoological Society

RICHARD H. DALEY, *Executive Director*
The Massachusetts Horticultural Society, Boston

VICTOR J. DANILOV, *President Emeritus*
The Museum of Science and Industry, Chicago

ELLA M. FOSHAY, *Curatorial Consultant to Art Museums*

STANLEY A. FREED, *Curator*
Department of Anthropology
American Museum of Natural History

GEORGE S. GARDNER, *Museum Planning Consultant*

DAVID A. GRIMALDI, *Assistant Curator*
Department of Entomology
American Museum of Natural History

ELAINE HEUMANN GURIAN, *Deputy Director Public Program Planning*
National Museum of the American Indian

WILLIAM A. GUTSCH, JR., *Chairman and Associate Astronomer*
The Hayden Planetarium
American Museum of Natural History

L. THOMAS KELLY, *Assistant Director and Publisher*
American Museum of Natural History

NEIL LANDMAN, *Associate Curator*
Department of Invertebrates
American Museum of Natural History

SCARLETT LOVELL, *Special Publications Manager*
American Museum of Natural History

ROBERT R. MACDONALD, *Director*
Museum of the City of New York

WILLIAM J. MOYNIHAN, *Vice President and Director*
American Museum of Natural History

LORIN I. NEVLING, *Chief*
Illinois Natural History Survey, Champaign

JOSEPH VEACH NOBLE, *Director Emeritus*
Museum of the City of New York

JOHN F. REED, *Vice President for Education and Director of the Library*
The New York Botanical Garden

JEROME G. ROZEN, JR., *Curator*
Department of Entomology
American Museum of Natural History

ENID SCHILDKROUT, *Curator*
Department of Anthropology
American Museum of Natural History

JOSEPH M. SEDACCA, *Graphics Manager*
American Museum of Natural History

MICHAEL SMITH, *Kalbfleisch Assistant Curator (Fellow)*
Department of Herpetology and Ichthyology
American Museum of Natural History

WILLIAM S. TALBOT, *Assistant Director for Administration*
The Cleveland Museum of Art

SAMUEL M. TAYLOR, *Director of Exhibitions*
American Museum of Natural History

ALAN TERNES, *Editor*
Natural History Magazine
American Museum of Natural History

ROBERT VOSS, *Assistant Curator*
Department of Mammalogy
American Museum of Natural History

FRANÇOIS VUILLEUMIER, *Chairman and Curator*
Department of Ornithology
American Museum of Natural History

T. CUYLER YOUNG, JR., *Director Emeritus and Curator, West Asian Department*
The Royal Ontario Museum, Toronto

American Museum of Natural History

GEORGE D. LANGDON, JR.
President and Chief Executive

WILLIAM T. GOLDEN
Chairman, Board of Trustees

CONTENTS OF VOLUME 34

NUMBER 1

5 Prototyping Interactive Exhibits on Rocks and Minerals
Judy Diamond

18 Different Labels—Different Learnings
Victor Kanel
Pinchas Tamir

31 The Restoration of the Haida Canoe Life Group
Kevin Coffee

44 Analysis of the Behavior of Family Visitors in Natural History Museums
The National Museum of Natural History
John H. Falk
The New Delhi National Museum of Natural History
A. A. Naqvy
B. Venugopal
J. H. Falk
L. D. Dierking

58 Everyone Is Breathing on Our Vitrines: Problems and Prospects of Museum Anthropology
Stanley A. Freed

80 Book Review: *America's Science Museums*
Thomas D. Nicholson

NUMBER 2

85 Preserving the Earth's Biological Diversity: The Role of Museums
Thomas D. Nicholson

109 Visitor Behavior and Interactive Video
Kristine Morrissey

119 Cataloging Collections—Erratic Starts and Eventual Success: A Case Study
Paul E. Rivard
Steven Miller

125 Reconstituting Dehydrated Museum Specimens
Kenneth D. Vogt

132 In-house Replications for Museum Sale
George D. Schrimper

144 The Rain Forest in Milwaukee: An Evaluation
Mary S. Korenic
Allen M. Young

NUMBER 3

165 Museum Accountability: Laws, Rules, Ethics, and Accreditation
Willard L. Boyd

178 Developing a Code of Ethics for Museums
Robert R. Macdonald

187 Mounting Two Plains Indian Hide Paintings
Niccolo Caldararo

199 1991 Survey: State Regulation of Geological, Paleontological, and Archaeological Collecting
Robert M. West

210 Meeting Members' Expectations: A Case Study
James D. Bigley
Mark Lane
Daniel Fesenmaier
William P. Stewart

222 Presidential Libraries and Museums
Victor J. Danilov

239 Book Review: *New Perspectives on Charles Willson Peale: A 250th Anniversary Celebration*
Edward P. Alexander

NUMBER 4

245 Promoting Deeper Interest in Science
Judith L. Connor

261 "Mammoth" Task
William Lindsay

273 Increased Exhibit Accessibility Through Multisensory Interaction
Betty Davidson
Candace Lee Heald
George E. Hein

291 An Inquiry into the Relationships Between Museum Boards and Management
Victoria Dickenson

304 Spatial/Visual Properties of Zoo Exhibition
Jean Wineman
Yoon Kyung Choi

316 A Note from the Editor
Samuel M. Taylor

317 Index

AUTHORS

Alexander, Edward P., 239
Bigley, James D., 210
Boyd, Willard L., 165
Caldararo, Niccolo, 187
Choi, Yoon Kyung, 304
Coffee, Kevin, 31
Connor, Judith L., 245
Danilov, Victor J., 222
Davidson, Betty, 273
Diamond, Judy, 5
Dickenson, Victoria, 291
Dierking, L. D., 44
Falk, J. H., 44, 51
Fesenmaier, Daniel R., 210
Freed, Stanley, 58
Heald, Candace Lee, 273
Hein, George E., 291
Kanel, Victor, 18
Korenic, Mary S., 144
Lane, Mark, 210
Lindsay, William, 261
Macdonald, Robert M., 178
Miller, Steven, 119
Morrissey, Kristine, 109
Naqvy, A. A., 51
Nicholson, Thomas D., 80, 85
Rivard, Paul E., 119
Schrimper, George E., 132
Stewart, William P., 210
Tamir, Pinchas, 18
Taylor, Samuel M., 316
Venugopal, B., 51
Vogt, Kenneth D., 125
West, Robert M., 199
Wineman, Jean, 304
Young, Allen M., 144

OWNERSHIP STATEMENT

Statement of ownership, management, and circulation (required by 39 U.S.C. 3685) of *Curator*, published four times a year at the American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024-5192, for October 1, 1991. General business offices of the publisher are located at Central Park West at 79th Street, New York, N.Y. 10024-5192. Publisher, L. Thomas Kelly; editor, Thomas D. Nicholson, Central Park West at 79th Street, New York, N.Y. 10024-5192. Owner is the American Museum of Natural History, Central Park West at 79th Street, New York, N.Y. 10024-5192. Known bondholders, mortgagees, and other security holders owning or holding one percent or more of total amount of bonds, mortgages, or other securities: None. The purpose, function, and non-profit status of this organization and the exempt status for federal income tax purposes have not changed during preceding 12 months (Section 132.122, Postal Service Manual). The average number of copies of each issue during the preceding 12 months are: A. Total number of copies printed: 1,375. B. Paid circulation: 1. Sales through dealers and carriers, street vendors, and counter sales: None. 2. Mail subscriptions: 1,042. C. Total paid circulation: 1,042. D. Free distribution by mail, carrier, or other means: 70. E. Total distribution: 1,112. F. Copies not distributed: 1. Office use, leftover, unaccounted, spoiled after printing: 263. 2. Returns from news agents: None. G. Total: 1,375. The actual number of copies of single issue published nearest to filing date are: A. Total number of copies printed: 1,375. B. Paid circulation: 1. Sales through dealers and carriers, street vendors, and counter sales: None. 2. Mail subscriptions: 1,117. C. Total paid circulation: 1,117. D. Free distribution by mail, carrier, or other means: 67. E. Total distribution: 1,184. F. Copies not distributed: 1. Office use, leftover, unaccounted, spoiled after printing: 191. 2. Returns from news agents: None. G. Total: 1,375. I certify that the statements made by me above are correct and complete.

L. T. Kelly, Publisher